

ABSTRACT

A reader interfacing device is configured to provide a communication path with a remote tag or smart label reader configured to emit and receive interrogating radiation suitable for interrogating remote tags or smart labels at a first radiation frequency, and a remote tag or smart label that is configured to be interrogated using radiation of a second frequency, wherein the first frequency and the second frequency are mutually different by at least an order of magnitude, and the reader is further configured to communicate through the reader interfacing device to the remote tag or smart label. The reader interfacing device includes a power supply for converting interrogating radiation received at the reader interfacing device from the reader to thereby generate power supply potentials for powering the reader interfacing device.

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